

**Notice of Allowability**

Application No.

10/659,431

Applicant(s)

PARK, GEUN-YONG

Examiner

Hai C. Pham

Art Unit

2861

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 04/11/07.
2. ☒ The allowed claim(s) is/are 2-5, 7-10, 12-15, 17-26 and 28-34.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

### **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance: claims 2-5, 7, 9-10, 12-15, 17, 19-24 and 28 are allowed at least for the reason that the prior art of record does not teach or reasonably suggest the laser scan unit assembly comprising a laser scan unit to emit a laser beam, a hinge portion to pivotably support the scan unit, and an adjusting portion to adjust an amount of pivot of the laser scan unit wherein the adjusting portion comprises a screw and an inclined surface in contact with the screw, wherein a linear movement of the screw across the inclined surface pivots the scan unit, and the inclined surface is attached to the scan unit, as set forth in the claimed combination.

Claims 8 and 18 are allowed at least for the reason that the prior art of record does not teach or reasonably suggest the laser scan unit assembly disposed in a printer body, comprising a plurality of laser scan units having a window on a front surface thereof through which laser beams are emitted, a hinge portion provided at a first side of each of the laser scan units to pivotably dispose the laser scan unit on the printer body; and an adjusting portion on a second side of each of the laser scan units opposite to the first side to adjust an amount the laser scan unit pivots to position the laser beams from the laser scan units to be parallel, wherein the adjusting portion comprises: a first adjusting unit provided on the second side of the laser scan unit, and a second adjusting unit provided on the printer body, wherein the first adjusting unit is a screw and the second adjusting unit is an inclined surface, as set forth in the claimed combination.

Claims 25-26, 28-34 are allowed at least for the reason that the prior art of record does not teach or reasonably suggest the laser scan unit assembly comprising a hinge portion provided at a first side of the laser scan unit to pivotably dispose the laser scan unit on a printer body, wherein the hinge portion is formed as a groove; a hinge supporting portion supporting the groove, and an adjusting portion on a second side of the laser scan unit opposite to the first side to adjust an amount by which the laser scan unit pivots, wherein the adjusting portion includes a screw and an inclined surface in contact with the screw, as set forth in the claimed combination.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hai C. Pham whose telephone number is (571) 272-2260. The examiner can normally be reached on M-F 8:30AM - 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Luu can be reached on (571) 272-7663. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2861

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



HAI PHAM  
PRIMARY EXAMINER

April 28, 2007